

**TOPOGRAPHIC SURVEY CONTROL POINT RECORD**

STATION LONG NAME	BA16
STATION NUMBER	BA16
4 CHAR ID	BA16
COUNTRY	IRAQ
LOCATION	BASRAH PROVINCE
SURVEYING AGENCY	IGRS
DATE (OF DESCRIPTION)	08 AUG 2005

CONTENTS	YES	NO	NO OF PAGES
FIELD COORDINATE VALUES	X		1
OFFICE COORDINATE VALUES	X		1
STATION MONUMENT & SITE DETAILS	X		1
STATION DIAGRAM	X		1
ACCESS MAP	X		1
ACCESS DESCRIPTION	X		1
APPROACH PHOTOGRAPHS	X		1
CARDINAL POINT PHOTOGRAPHS	X		2

**RECORD OF VISITS**

DATE OF VISIT	NAME	UNIT	REMARKS

**ADDITIONAL DETAILS/ENCLOSURES**

CONTENTS	NO OF PAGES

## **FIELD COORDINATE VALUES**

STATION LONG NAME	BA16
4 CHAR ID	BA16
STATION NUMBER	BA16

THIS STATION IS NEW	YES
IDENTICAL / NEARLY IDENTICAL WITH	N/A

### **FIELD VALUES** FROM THE RECEIVER / HAND HELD GPS – IN WGS84

LATITUDE N / S	30 06' 20" N
LONGITUDE E / W	47 09' 07" E
HT (M)	+81
GRID ZONE DESIGNATOR	38R
UTM / MGRS GRID	38R QU 07352 32428
SURVEYING AGENCY	IGRS

FIELD INPUT BY: SGT MOSTAFA	UNIT: IGRS	DATE: 08 AUG 2005
FIELD CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 08 AUG 2005

# OFFICE COORDINATE VALUES

## WGS 84 ADJUSTED VALUES AS AT: 25 Aug 05

LATITUDE N	30° 06' 14.46997"
LONGITUDE E	047° 09' 04.65526"
SPHEROIDAL HT (M)	69.747
EGM96 GEOID MODEL HT (M)	-13.327
ORTHOMETRIC HT (M)	83.074
VERTICAL DATUM	WGS 84
GEOID MODEL USED	EGM 96
RELATIVE TO	CORS STATIONS
RELATIVE POSITION ACCURACY (M)	0.012
RELATIVE HEIGHT ACCURACY (M)	0.017
ADJUSTING AGENCY	OPUS
ADJUSTMENT DATE	25 AUG 2005

## LOCAL DATUM VALUES AS AT: 25 Aug 05

SPHEROID	N/A
PROJECTION	N/A
GRID	N/A
VERTICAL DATUM	N/A
LATITUDE N / S	N/A
LONGITUDE E / W	N/A
EASTINGS (M)	N/A
NORTHINGS (M)	N/A
SPHEROIDAL HT (M)	N/A
ORTHOMETRIC HT (M)	N/A
GRID ZONE DESIGNATOR	N/A
TRANSFORMATION AGENCY	N/A
TRANSFORMATION DATE	N/A

GRAVITY VALUE: N/A	TYPE OF STN: N/A	REF: N/A
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AIR PHOTO: N/A	REF: N/A	SCALE: N/A
IMAGERY: N/A	REF: N/A	SCALE: N/A

OFFICE INPUT BY: LCPL COWARD	UNIT: IGRS	DATE: 25 AUG 2005
OFFICE CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 25 AUG 2005

## STATION MONUMENT AND SITE DETAILS

STATION LONG NAME: BA16	
STATION NUMBER: BA16	4 CHAR ID: BA16
LOCATION: BASRAH PROVINCE	COUNTRY: IRAQ
STATION ADDRESS: N/A	
TEL: N/A	FAX: N/A
LAND OWNER ADDRESS: N/A	
TEL: N/A	FAX: N/A
TYPE OF MARK: HARN	
CONDITION: GOOD	
MARK SETTING: FINE MARK ON REBAR	NO OF REBARS: 2

### MONUMENT PHOTO / SKETCH



PREPARED BY: SGT MOSTAFA	UNIT: IGRS	DATE: 08 AUG 2005
CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 08 AUG 2005

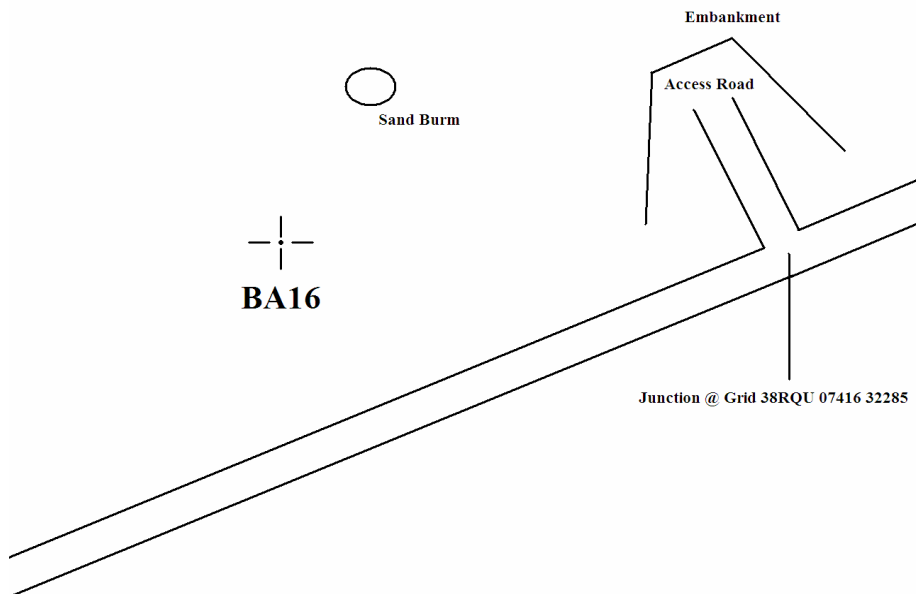
# STATION DIAGRAM

STATION LONG NAME: BA16

STATION NUMBER: BA16

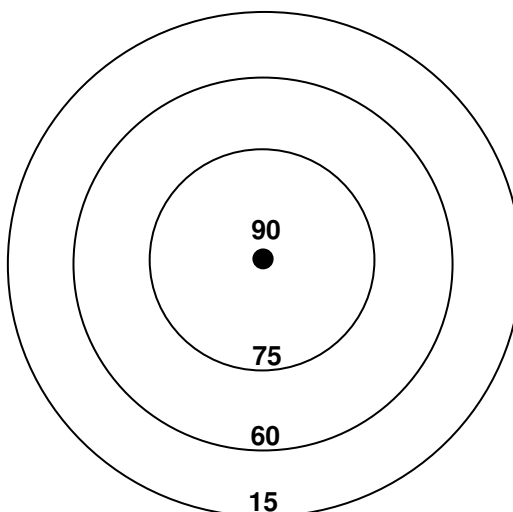
4 CHAR ID: BA16

NOT TO SCALE



NO	DESCRIPTION	BRG/HORZ ANGLE	DISTANCE
1	ROAD JUNCTION	275	160M
2	SAND BURM	221	110M
3			
4			

## OBSCURITY DETAILS



PREPARED BY: SGT MOSTAFA

UNIT: IGRS

DATE: 08 AUG 2005

CHECKED BY: LCPL DICKEN

UNIT: IGRS

DATE: 08 AUG 2005

# ACCESS MAP

STATION LONG NAME: BA16

STATION NUMBER: BA16

4 CHAR ID: BA16

MAP DETAILS

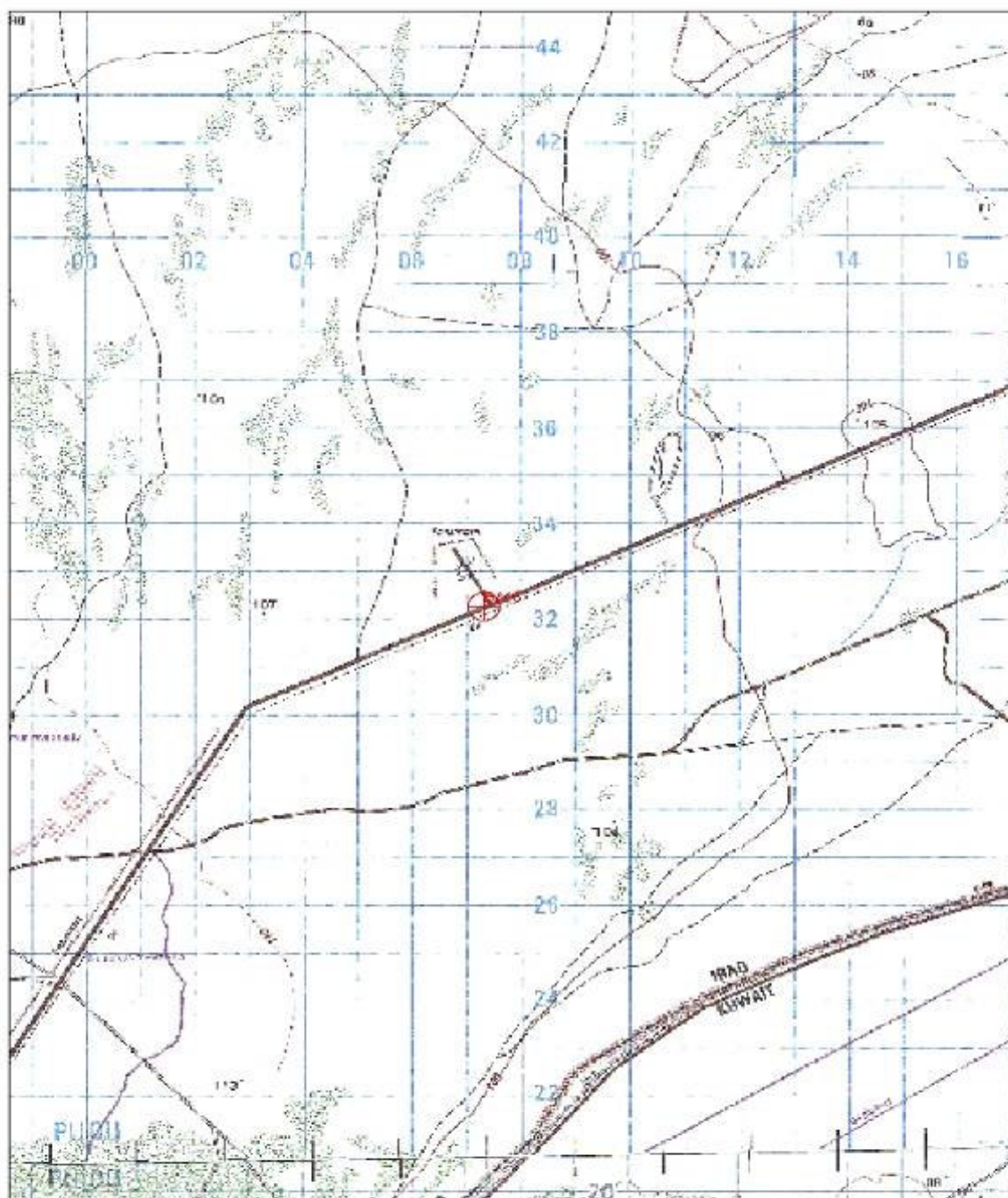
SERIES: K643

SHEET: 5450

EDITION: 3-NIMA

SCALE: 1: 100,000

GR: 38R QU 07352 32428



PREPARED BY: SGT MOSTAFA

UNIT: IGRS

DATE: 08 AUG 2005

CHECKED BY: LCPL DICKEN

UNIT: IGRS

DATE: 08 AUG 2005

## ACCESS DESCRIPTION

<b>STATION LONG NAME: BA16</b>		
<b>STATION NUMBER: BA16</b>		<b>4 CHAR ID: BA16</b>

<b>MAP DETAILS</b>	<b>SERIES: K643</b>	<b>SHEET: 5450</b>
<b>EDITION: 3-NIMA</b>	<b>SCALE: 1: 100,000</b>	<b>GR: 38R QU 07352 32428</b>

From major junction at grid 38RQU 299 430, proceed southwest for approximately 26km. The point is located 150 meters off of the road to the right hand side.

<b>PREPARED BY: SGT MOSTAFA</b>	<b>UNIT: IGRS</b>	<b>DATE: 08 AUG 2005</b>
<b>CHECKED BY: LCPL DICKEN</b>	<b>UNIT: IGRS</b>	<b>DATE: 08 AUG 2005</b>

## APPROACH PHOTOGRAPHS

STATION LONG NAME: BA16	
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### NEAR APPROACH



### FAR APPROACH



TAKEN BY: SGT MOSTAFA	DATE TAKEN: 08 AUG 2005
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## CARDINAL PHOTOGRAPHS

STATION LONG NAME: BA16	
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**NORTH**



**SOUTH**



TAKEN BY: SGT MOSTAFA	DATE TAKEN: 08 AUG 2005
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**CARDINAL PHOTOGRAPHS**

STATION LONG NAME: BA16	
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**EAST**



**WEST**



TAKEN BY: SGT MOSTAFA	DATE TAKEN: 08 AUG 2005
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